

## **North Creek Portal Site Update**

**June 21, 2006**

**11711 N.E. 195th Street in Bothell**

### **Upcoming Construction Activities**

Construction at the Brightwater North Creek Portal Site has been underway since late February. During these first four months of work, site preparations have been completed for construction of the portal's two deep shafts, tunneling of the Brightwater conveyance pipelines and construction of the pump station. Activity is increasing, and here is a description of what will be happening in the coming months.

#### **Shaft construction**

Construction of the two large diameter, 80-foot deep shafts is beginning. Two large cranes, one 160 feet tall, are in place and will be used to excavate the shafts and to construct the concrete slurry walls.

Excavation of the 74-foot diameter shaft, which will be used to launch and receive the project's tunnel boring machines, or TBMs, will be undertaken first. A second deep shaft will be constructed in a binocular shape and vary in width from 77 to 133 feet. It will ultimately house the underground portions of a pump station.

Construction of the two shafts is expected to take about a year with completion next summer. Tunneling will begin in 2007 and construction of the new pump station will begin in 2008.

#### **Traffic impacts expected late June and early July from installation of geotechnical equipment**

Beginning Thursday, June 22, and lasting two weeks, crews will install geotechnical monitors along N.E. 195th and North Creek Parkway near the site. Crews will drill small diameter holes and install monitors. Traffic will be re-routed around this work. As required by the City of Bothell, signs, orange cones and flaggers will be placed around the work, and as needed for limited periods, traffic will be reduced to one lane in each direction. Steel plates may be placed over bores for short periods when crews are not working or overnight.

#### **What to expect during construction**

In addition to the two cranes, shaft construction will require large earth moving equipment, removal of excavated spoils and concrete pouring. By mid-summer, crews on site will work longer hours starting as early as 6:00 a.m. and working up to 10:00 p.m. This will result in increased activity, intermittent noise and possible vibrations at the site. Truck activity to and from the site will also increase but will be limited to off-peak hours so that we do not impact commuters.

King County has constructed the 16-foot high, blue screening wall around the site to reduce impacts and serve as a buffer between construction and the community. King County will monitor noise levels to ensure state and local ordinance requirements are met. The work will also comply with all other permitting conditions and applicable laws.

In early July, we will install a series of forest nature photos on the blue screen wall to make it more attractive for the community.

King County is committed to being a good neighbor while work is taking place. We will distribute updates and our North Creek Portal News as work phases change at the site. To report a concern, please call our 24-hour, toll-free construction hotline at 206-205-5989. You may also get more information about the Brightwater project at our Web site: <http://dnr.metrokc.gov/wtd/brightwater/>.

**This information is available in alternative formats upon  
request by calling 206-296-1328 or Relay Service 711**